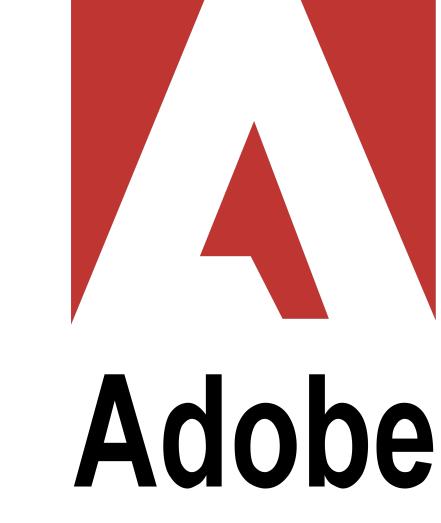
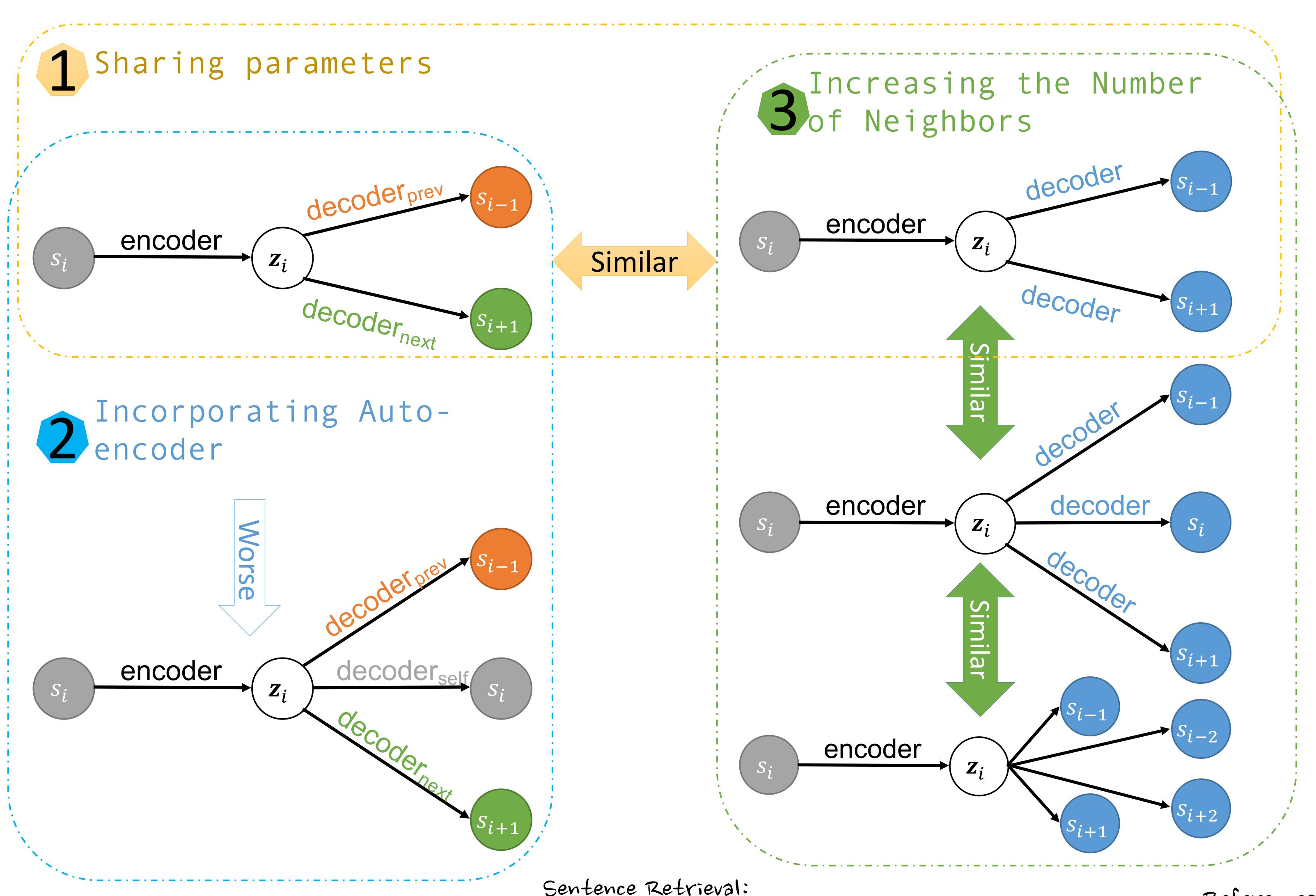
Rethinking Skip-thought: A Neighborhood Based Approach

UC San Diego Cognitive Science



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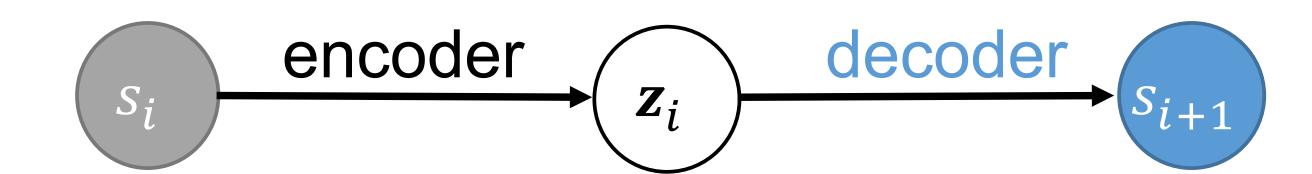
Skip-thought Unsupervised Training: BookCorpus Skip-thought Neighbor Evaluation: SICK, MSRP, TREC, MR, CR, SUBJ, MPQA. Skip-thought Neighbor



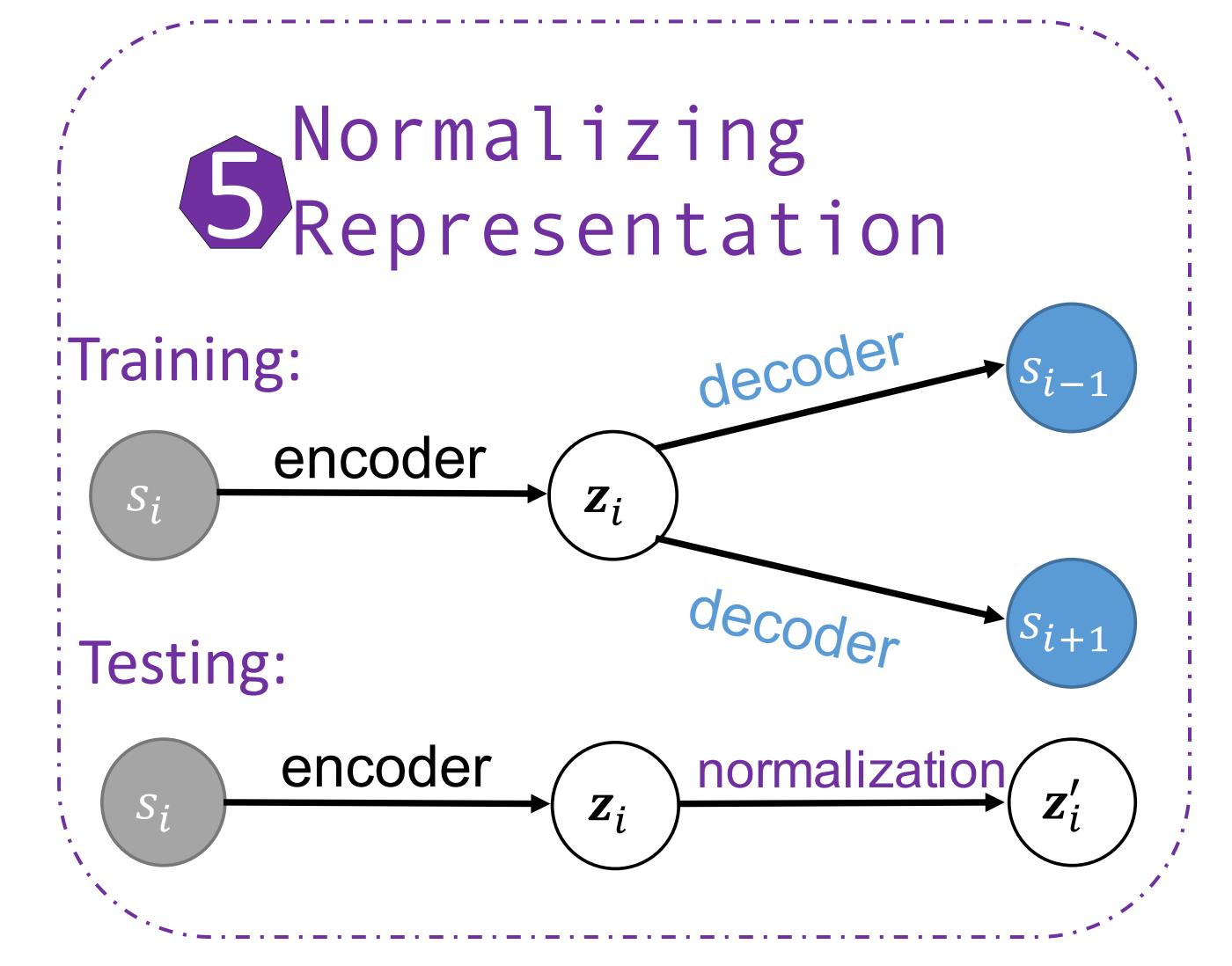
Generated Sentences:

- "i do n't want to talk about it."
- "i'm not going to let you drive me home."
- "hey, what 's wrong?"
- i 'm not sure how i feel about him.
- i was n't going to be able to get to the beach. he was n't even looking at her.
- "i guess you 're right ."

10ne Target



Faster & Equally Accurate



i wish i had a better answer to that question.

i wish i knew the answer.

i only wish i had an answer.

i threw my bag on my bed and took off my shoes.

- i sat down on my own bed and kicked off my shoes.
- i fell in bed without bothering to remove my shoes.

my phone buzzed and i awoke from my trance.

- i flipped my phone shut and drifted off to sleep.
- i grabbed my phone and with groggy eyes, shut off the alarm.
- i kept my eyes on the shadowed road, watching my every step. i kept my eyes at my feet and up ahead on the trail.
- i kept on walking, examining what i could out of the corner of my eye.

References:

- [1] Kiros, Ryan, et al. "Skip-thought vectors."
- [2] Zhu, Yukun, et al. "Aligning books and movies: Towards story-like visual explanations by watching movies and reading books."
- [3] Tang, Shuai, et al. "Trimming and Improving Skip-thought Vectors."

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